

Estill County Schools Energy Management Package

September 2016



Energy Management Avoided Costs Summary

Project Description	Refunds/Rebates Received	Avoided Costs	Total Avoided Costs
Rate Change Savings Prior Years		\$4,801	\$4,801
Rate Change Savings Current Year		\$1,200	\$1,200
Consumption Savings Prior Years		\$53,490	\$53,490
Consumption Savings Current Year		-\$16,005	-\$16,005
Energy Projects Prior Years	\$9,453		\$9,453
Energy Projects Current Year			
Total	\$9,453	\$43,487	\$52,940





Estill County Schools Energy Management Report August 2016

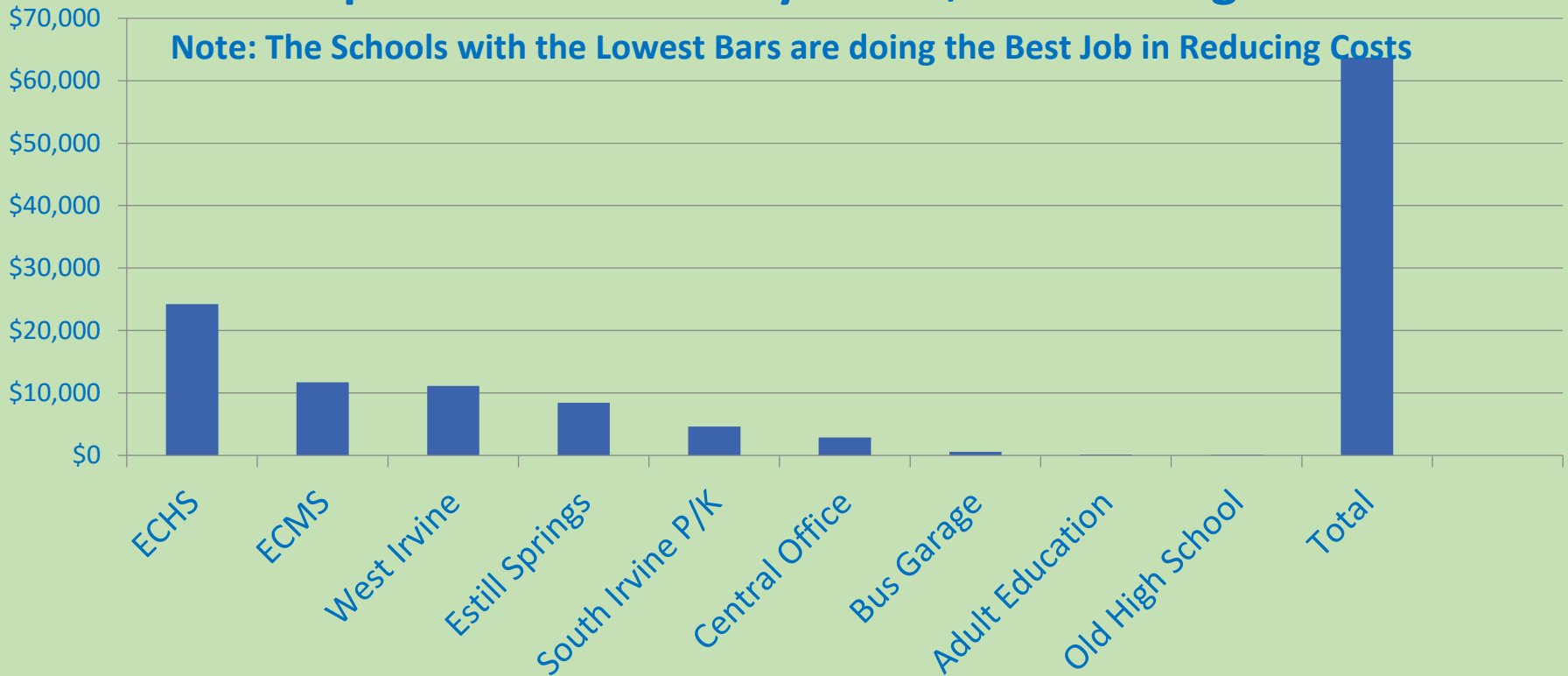
School Facility	September					2016 - 2017 YTD Results				
	2015 Actual Kwh	2016 Actual Kwh	% Reduction	Position	\$ Cost Change	2015-16 Actual Kwh	2016-17 Actual Kwh	% Reduction	Overall Position	YTD \$ Cost Change
ECHS	122,115	176,177	-44.3%	9	\$5,747	246,207	489,957	-99.0%	8	\$24,240
ECMS	103,675	105,148	-1.4%	4	\$157	197,585	315,418	-59.6%	4	\$11,718
West Irvine	80,800	100,320	-24.2%	7	\$2,075	131,200	242,880	-85.1%	7	\$11,106
Estill Springs	61,093	74,731	-22.3%	6	\$1,450	100,505	185,109	-84.2%	6	\$8,413
South Irvine P/K	49,307	44,658	9.4%	2	-\$494	78,199	124,357	-59.0%	3	\$4,590
Central Office	30,172	31,692	-5.0%	5	\$162	49,129	83,550	-70.1%	5	\$3,423
Bus Garage	3,848	5,133	-33.4%	8	\$137	11,592	17,481	-50.8%	2	\$586
Adult Education	1,448	1,331	8.1%	3	-\$12	2,453	3,628	-47.9%	1	\$117
Old High School	400	160	60.0%	1	-\$26	400	1,040	-160.0%	9	\$64
Total	452,858	539,350	-19.1%		\$9,194	817,270	1,463,420	-79.1%		\$64,256



Electrical Energy Cost Comparison to Last Year

September 2016 - July 2016 \$ Cost Change

Note: The Schools with the Lowest Bars are doing the Best Job in Reducing Costs

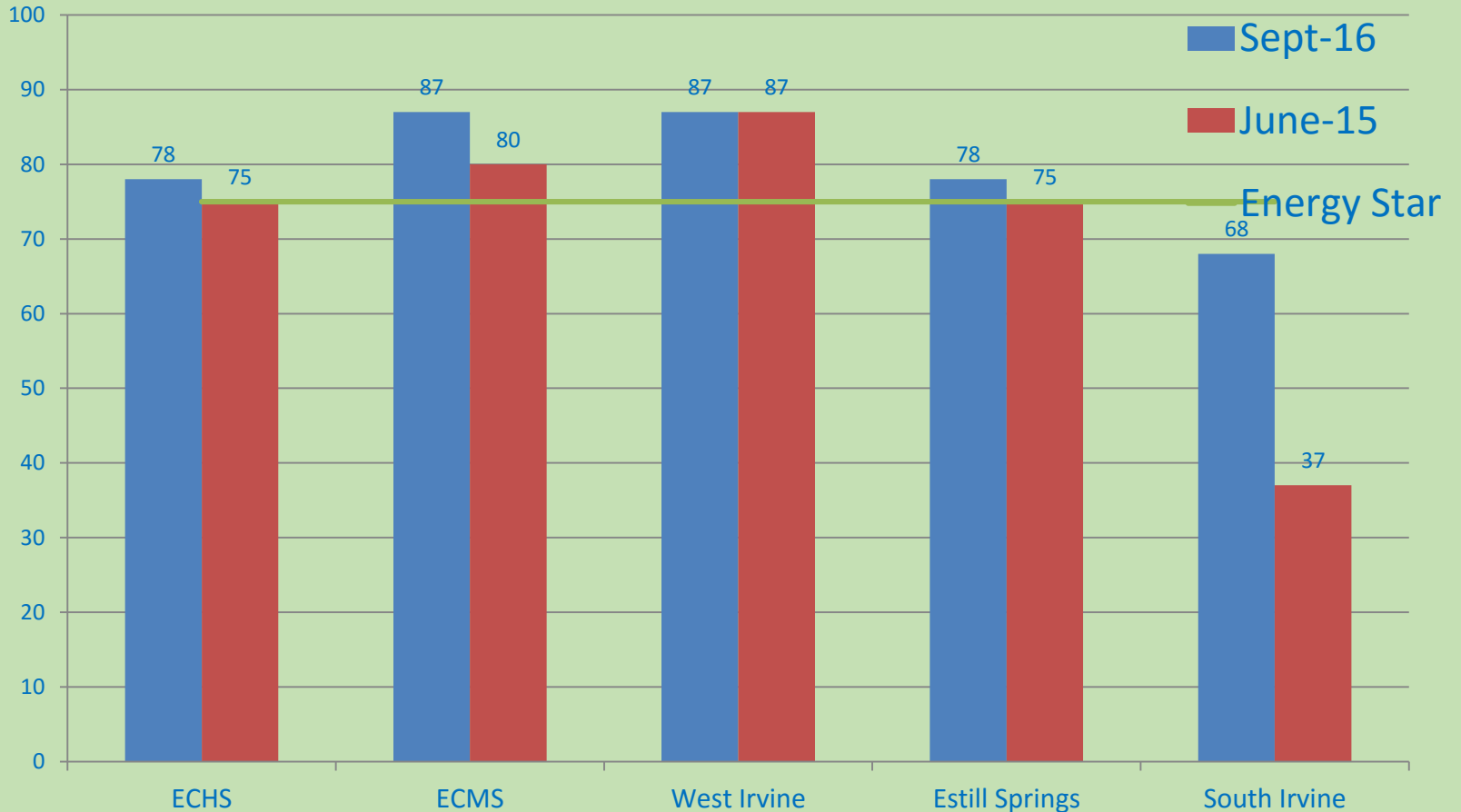


Energy Star Portfolio Manager Ratings

Facility Name	Rating (1-100) Sept-16	Rating (1-100) June-15	Energy Use kbtu/sq ft Sept-16	Energy Use kbtu/sq ft June-15	Change From Baseline
Estill County High School	78	75	44.8	47.5	-5.7%
Estill County Middle School	87	80	35.1	39.0	-10.0%
West Irvine Elementary	87	87	39.5	39.5	0.0%
Estill Springs Elementary	78	75	57.3	56.9	0.7%
South Irvine P/K Center	68	37	57.7	83.5	-30.9%
Total	84	76	43.0	47.8	-10.0%



Energy Star Portfolio Manager Ratings



EUI (kbtu/sq.ft/)

